

IN THE CLAIMS

The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. - 41. (Cancelled).

42. (Currently Amended) An image display apparatus comprising:  
a display panel for displaying an image by irradiating a fluorescent substrate  
with electrons from an electron source;  
an acceleration potential supply circuit for supplying to said display panel  
an acceleration potential for accelerating electrons from the electron source;  
a scanning circuit for supplying a scanning signal to said display panel;  
a modulation circuit for supplying a modulation signal to said display panel;

and

a control circuit for outputting a signal for stopping output of a the signal  
from said scanning circuit and/or said modulation circuit to said display panel, and then  
stopping wherein supply of power to said scanning circuit and/or said modulation circuit is  
stopped in a state in which the output of the signal from said scanning circuit and/or said

modulation circuit to said display panel is stopped by said signal for stopping in turning off a power source while an image based on a video signal is displayed by outputting a signal from said scanning circuit and/or said modulation circuit to said display panel.

43. (Currently Amended) An image display apparatus comprising:

a display panel for displaying an image by irradiating a fluorescent substrate with electrons from an electron source;

an acceleration potential supply circuit for supplying to said display panel an acceleration potential for accelerating electrons from the electron source;

a scanning circuit for supplying a scanning signal to said display panel;

a modulation circuit for supplying a modulation signal to said display panel;

and

a control circuit for outputting a signal for stopping output of a the signal from said scanning circuit and/or said modulation circuit to said display panel, and then stopping wherein supply of power to said scanning circuit and/or said modulation circuit is stopped in a state in which the output of the signal from said scanning circuit and/or said modulation circuit to said display panel is stopped by said signal for stopping in performing emergency shutdown while an image based on a video signal is displayed by

outputting a signal from said scanning circuit and/or said modulation circuit to said display panel.

44. (Currently Amended) An image display apparatus comprising:

a display panel for displaying an image by irradiating a fluorescent substrate with electrons from an electron source;

~~an acceleration potential supply circuit for supplying to said display panel an acceleration potential for acceleration electrons from the electron source;~~

a scanning circuit for supplying a scanning signal to said display panel;

a modulation circuit for supplying a modulation signal to said display panel;

and

a control circuit for outputting a signal for stopping output of a the signal from said scanning circuit and/or said modulation circuit to said display panel, and then stopping wherein supply of power to said scanning circuit and/or said modulation circuit is stopped in a state in which the output of the signal from said scanning circuit and/or said modulation circuit to said display panel is stopped by the signal for stopping when a voltage abnormality is observed while an image based on a video signal is displayed by outputting a signal from said scanning circuit and/or said modulation circuit to said display panel.

45. (Currently Amended) An image display apparatus comprising:

a display panel for displaying an image by irradiating a fluorescent substrate with electrons from an electron source];

an acceleration potential supply circuit for supplying to said display panel an acceleration potential for acceleration electrons from the electron source;

a scanning circuit for supplying a scanning signal to said display panel;

a modulation circuit for supplying a modulation signal to said display panel;

a first power source for supplying power to said acceleration potential supply circuit and/or said scanning circuit and/or said modulation circuit;

a second power source for supplying power to said scanning circuit and/or said modulation circuit upon an abnormal state emergency shutdown; and

a control circuit for outputting a signal for stopping output from said acceleration potential supply circuit said scanning circuit and/or said modulation circuit to said display panel upon an emergency shutdown, wherein the signal for stopping is outputted by using power supplied by at the initial stage after switching said first power source to said second power source.

46. - 53. (Cancelled)

54. (New) An image display apparatus comprising:

a display panel for displaying an image;

a scanning circuit for supplying a scanning signal to said display panel;

a modulation circuit for supplying a modulation signal to said display panel;

a first power source for supplying power to said scanning circuit and/or said modulation circuit;

a second power source for supplying power to said scanning circuit and/or said modulation circuit, wherein said second power source comprises a capacitor or a battery;

a control circuit for outputting a signal for stopping output from said scanning circuit and/or said modulation circuit to said display panel, wherein said signal for stopping is outputted by using power supplied by said second power source.

55. (New) The image display apparatus according to claim 42, wherein said display panel displays an image by irradiating a fluorescent substrate with electrons from an electron source, and

*Canceled*  
said apparatus further comprises an acceleration potential supply circuit for supplying to said display panel an acceleration potential for acceleration electrons from the electron source.

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56. (New) The image display apparatus according to claim 55, wherein  
the electron source comprises a plurality of row-direction wiring lines for receiving a  
scanning signal, a plurality of column-direction wiring lines for receiving a modulation  
signal, and a plurality of electron emitting devices connected to the row-direction wiring  
lines and the column-direction wiring lines.

57. (New) The image display apparatus according to claim 43, wherein  
said display panel displays an image by irradiating a fluorescent substrate with electrons  
from an electron source, and  
said apparatus further comprises an acceleration potential supply circuit for  
supplying to said display panel an acceleration potential for acceleration electrons from the  
electron source.

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58. (New) The image display apparatus according to claim 57, wherein  
the electron source comprising a plurality of row-direction wiring lines for receiving a  
scanning signal, a plurality of column-direction wiring lines for receiving a modulation  
signal, and a plurality of electron emitting devices connected to the row-direction wiring  
lines and the column-direction wiring lines.

59. (New) The image display apparatus according to claim 44, wherein  
- said display panel displays an image by irradiating a fluorescent substrate with electrons  
from an electron source, and  
- said apparatus further comprises an acceleration potential supply circuit for  
supplying to said display panel an acceleration potential for acceleration electrons from the  
electron source.

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60. (New) The image display apparatus according to claim 59, wherein  
the electron source comprising a plurality of row-direction wiring lines for receiving a  
scanning signal, a plurality of column-direction wiring lines for receiving a modulation  
signal, and a plurality of electron emitting devices connected to the row-direction wiring  
lines and the column-direction wiring lines.

61. (New) The image display apparatus according to claim 45, wherein  
said display panel displays an image by irradiating a fluorescent substrate with electrons  
from an electron source, and

~~said apparatus further comprises an acceleration potential supply circuit for  
supplying to said display panel an acceleration potential for acceleration electrons from the  
electron source~~

~~62. (New) The image display apparatus according to claim 61, wherein~~  
the electron source comprising a plurality of row-direction wiring lines for receiving a  
scanning signal, a plurality of column-direction wiring lines for receiving a modulation  
signal, and a plurality of electron emitting devices connected to the row-direction wiring  
lines and the column-direction wiring lines.

~~63. (New) The image display apparatus according to claim 54, wherein~~  
said display panel displays an image by irradiating a fluorescent substrate with electrons  
from an electron source, and  
~~said apparatus further comprises an acceleration potential supply circuit for  
supplying to said display panel an acceleration potential for acceleration electrons from the  
electron source.~~

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64. (New) The image display apparatus according to claim 63, wherein  
the electron source comprising a plurality of row-direction wiring lines for receiving a  
scanning signal, a plurality of column-direction wiring lines for receiving a modulation  
signal, and a plurality of electron emitting devices connected to the row-direction wiring  
lines and the column-direction wiring lines.